

USSN.10/517,203  
Examiner: AULAKH, CHARANJIT  
Group A.U.: 1625

### Claims Amendments

Please cancel claims 15 and 16, amend 9, 10 and 12 and add new claims 17-22.

1-8 (Canceled)

9. (Currently amended) Process for the preparation of the facial isomer of tris(8-oxoquinoline)aluminum(III) ( $\text{Alq}_3$ ), comprising the step of heating  $\alpha\text{-Alq}_3$  in solid phase at atmospheric pressure at a temperature equal to or higher than  $350^\circ\text{C}$  but lower than  $420^\circ\text{C}$ , to obtain a mixture of  $\gamma\text{-Alq}_3$  and  $\delta\text{-Alq}_3$  both containing the facial isomer of  $\text{Alq}_3$ .

10. (Currently amended) The process according to claim 9, further comprising a step of suspending said mixture in an organic solvent and keeping said suspension at ambient temperature thereby  $\gamma\text{-Alq}_3$  of said mixture is transformed in  $\delta\text{-Alq}_3$ .

11. (Previously presented) The process according to claim 10, wherein said organic solvent is acetone.

12. (Currently amended) Process for obtaining a thin film of the facial  $\text{Alq}_3$ , comprising the steps of preparation of a solution of facial  $\text{Alq}_3$  in a solvent, at a temperature lower than  $-10^\circ\text{C}$ , ~~application~~ deposition of a thin layer of such solution onto a substrate, and evaporation of the solvent to obtain a thin film of facial  $\text{Alq}_3$ .

13. (Previously presented) The process according to claim 11, wherein said solvent is  $\text{CHCl}_3$ .

14. (Previously presented) Process for obtaining a thin film of facial  $\text{Alq}_3$ , comprising the step of heating a thin film of meridional  $\text{Alq}_3$  at a temperature in the range from  $390$  to  $420^\circ\text{C}$ .

15. (Cancelled)

16. (Cancelled)

17 (New) A process for the preparation of  $\delta\text{-Alq}_3$  comprising the steps of:

- heating  $\alpha$ -Alq<sub>3</sub> in solid phase at atmospheric pressure at a temperature equal to or higher than 350°C but lower than 420°C, thereby a mixture of  $\gamma$ -Alq<sub>3</sub> and  $\delta$ -Alq<sub>3</sub> is obtained;

- suspending the mixture in an organic solvent, and  
- keeping the suspension at ambient temperature thereby the  $\gamma$ -Alq<sub>3</sub> is transformed in  $\delta$ -Alq<sub>3</sub>.

18. (New) Process according to claim 17, wherein said organic solvent is acetone.

19. (New) Electroluminescent device comprising a blue-luminescent active layer, wherein the active layer consists of facial Alq<sub>3</sub>.

20. (New) The electroluminescent device according to claim 19, wherein the electroluminescent device is an OLED.

21. (New) A process for forming an electroactive device suitable for charge transport and/or recombination and/or for light emission, comprising the step of providing an active layer consisting of facial Alq<sub>3</sub>

22 (New) Process according to claim 21, wherein the device is an OLED.